

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q77569

TANABE, Tadashi, et al.

Appln. No.: 10/663,749

Group Art Unit: 1644

Confirmation No.: 5604

Examiner: Kim, Y.

Filed: September 17, 2003

For: ANTIBODIES SPECIFIC TO HUMAN PROSTACYCLIN SYNTHASE

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents
P.O. Box 1450
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Sir:

In accordance with the duty of disclosure under 37 C.F.R. §1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

All of the documents which are listed on the attached PTO/SB/08 A & B (modified) form are references of record in parent application numbers 10/608,536, 09/670,582, 09/037,758 or 08/578,709. Applicant is not submitting duplicate copies of these references but requests that they be listed on the face of any patent granted on the above application. (See 37 CFR §1.98(d)).

The present Information Disclosure Statement is being filed (without a Statement Under 37 C.F.R. § 1.97(e)) after the later of three months from the application's filing date and the mailing date of the first Office Action on the merits, but before a Final Office Action, Notice of

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U.S. Appl. No.: 10/663,749

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Allowance, or an action that otherwise closes prosecution in the application (whichever is earlier). The Commissioner is hereby authorized to charge the required fee under 37 C.F.R. § 1.17(p), in the amount of \$180.00, to Deposit Account No. 19-4880. A duplicate copy of this paper is attached.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

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Respectfully submitted,



Drew Hissong
Registration No. 44,765

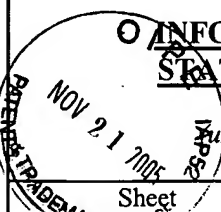
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Date: November 21, 2005

Substitute for Form 1449 A & B/PTO		Complete if Known	
 <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>Use as many sheets as necessary)</p>		Application Number	10/663,749
		Confirmation Number	5604
		Filing Date	September 17, 2003
		First Named Inventor	TANABE, Tadashi
		Art Unit	1644
		Examiner Name	Kim, Y.
Sheet 1 of 2	Attorney Docket Number	Q77569	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		Weksler, Heparin and Acidic Fibroblast Growth Factor Interact to Decrease Prostacyclin Synthesis in Human Endothelial Cells by Affecting Both Prostaglandin H Synthase and Prostacyclin Synthase; <i>J. Cell. Physiol.</i> , 142(3):514-522 (1990)	
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		T. Shimizu, Structure-function relationships of membrane-bound heme-enzyme, cytochrome P450, Institute for Chemical Reaction Science, Tohoku University, pp. 10-15, 1992	
		Salmon et al., Preparation and Assay of Prostacyclin Synthase, <i>Methods in Enzymology</i> , 86:91-99 (1982)	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet	2	of	2		

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NON PATENT LITERATURE DOCUMENTS			
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		Tanabe et al., Molecular Cloning of Prostacyclin Synthase From Bovine Endothelial Cells, in Eicosanoids & Other BioActive Lipids in Cancer, Inflammation and Radiation Injury, 3 rd Int'l Conf., Georgetown Conference Center, Washington D.C., pp 137, Oct. 13-16, 1993	
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		Govindarajan et al, Immunohistochemical distribution of renal prostaglandin endoperoxide synthase and prostacyclin synthase: diminished endoperoxide synthase in the hepatorenal syndrome. <i>Hepatology</i> 7(4):654-659 (1987)	
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		Moonen et al., Immunohistochemical localisation of prostaglandin endoperoxide synthase and prostacyclin synthase in pregnant human myometrium. <i>Eur J Obstet Gynecol Reprod Biol.</i> 19(3):151-158 (1985)	
		Harlow et al, Antibodies a Laboratory Manual, Cold Spring Harbor Laboratories, 1989, Chap. 8, pp. 283-318	
		Satoh et al., Role of prostaglandins in pregnancy-induced hypertension, <i>Am. J. Kidney</i> , 17(2):133-138 (1991)	
		Gryglewski et al., Prostacyclin and Vascular Disease, <i>Philos. Trans. R. Soc. Lond. B. Biol. Sci.</i> , 294(1072):383-388 (1981)	
		Pereira et al., Molecular Cloning and Characterization of Bovine Prostacyclin Synthase, <i>Biochem. Biophys. Res. Commun.</i> 203(1):59-65 (1994)	

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